

Current Status of the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1: (currently amended) A removable interchangeable focus adjustment knob, said focus adjustment knob is magnetically fastenable to [[an]] a focus adjustment means.

Claim 2: (currently amended) The adjustment knob of Claim 1 wherein [[the]] said focus adjustment means comprises a rotatable shaft.

Claim 3: (currently amended) The adjustment knob of Claim 1 adapted for complementary magnetically attractive engagement with said focus adjustment means.

Claim 4: (cancelled)

Claim 5: (currently amended) A microscope comprising:
a focus adjustment means and a removable interchangeable focus adjustment knob, said focus adjustment knob ~~magnetically~~ is magnetically fastenable to said focus adjustment means.

Claim 6: (currently amended) The microscope of Claim 5 wherein said focus adjustment means comprises a rotatable shaft.

Claim 7: (currently amended) The microscope of Claim 5 wherein said focus adjustment knob is adapted for complementary magnetically attractive engagement with said focus adjustment means.

Claim 8: (cancelled)

Claim 9: (currently amended) The microscope of Claim 5 comprising a second focus adjustment means.

Claim 10: (currently amended) The microscope of Claim 9 wherein said second focus adjustment means comprises a second focusing means.

Claim 11: (currently amended) The microscope of Claim 9 wherein said removable interchangeable focus adjustment knob is magnetically fastenable to said second focus adjustment means.

Claim 12: (currently amended) A microscope comprising:
 a focus adjustment means comprising a first focus adjustment knob and a removable focus adjustment knob, said first focus adjustment knob and said removable focus adjustment knob coaxial and independently rotatable with respect to one another.

Claim 13: (currently amended) The microscope of Claim 12 wherein said focus adjustment means comprises a focus drive means including a rotatable shaft.

Claim 14: (currently amended) The microscope of Claim 12 wherein said removable focus adjustment knob is releasably fastenable to said focus drive means.

Claim 15: (currently amended) The microscope of Claim 13 wherein said removable focus adjustment knob is fastenable to said focus drive means by first means operatively arranged for [[prevent]] preventing separating movement of said removable focus adjustment knob axially away therefrom and a second means tending to allow rotation of said focus drive means with said removable focus adjustment knob.

Claim 16: (original) The microscope of Claim 15 wherein said first means is magnetic.

Claim 17: (currently amended) The microscope of Claim 16 wherein said second means comprises pin means extending axially of said removable focus adjustment knob and pin receiving means complementarily extending axially of said focus drive means.

Claim 18: (currently amended) The microscope of Claim 17 wherein one of said pin means and said pin receiving means is formed of magnetic material and the other of said pin means and said pin receiving means is formed of magnetically attractable material.

Claim 19: (original) The microscope of Claim 18 wherein said focus drive means is operatively arranged for causing vertical displacement of a microscope stage.

Claim 20: (currently amended) The microscope of Claim 19 comprising at least two focus adjustment means, each having a ~~and two removable adjustment~~ removable focus adjustment knob, [[knobs are]] disposed on opposite sides of said microscope.

Claim 21: (currently amended) The microscope of Claim 20 wherein one of said removable focus adjustment knobs has an axial length greater than another.

Claim 22: (currently amended) A microscope comprising:

 a first focusing means comprising a first removable focus adjustment knob and a first focus drive means;

 a second focusing means comprising a second removable focus adjustment knob and a second focus drive means;

wherein each of said first and second removable focus adjustment knobs are releasably and alternatively fastenable to either of said first and second focus drive means and one of said first and second focus adjustment knobs has an axial length greater than that of the other.

Claim 23: (currently amended) The microscope of Claim 22 wherein each of said first and second removable focus adjustment knobs is releasably fastenable to each of said first and second focus drive means by magnetic attraction therebetween.

Claim 24: (currently amended) The microscope of Claim 22 wherein each of said first second removable focus adjustment knobs is releasably fastenable to each of said first and second focus drive means by pin means and pin receiving means.

Claim 25: (currently amended) The microscope of Claim 24, wherein said first and second removable focus adjustment means are releasably fastenable to each of said first and second focus drive means by pin means and pin receiving means extending axially of each of said first and second focus adjustment means and each of said first and second focus drive means; one of said pin means and said pin receiving means being formed of magnetic material and the other thereof formed of magnetic attractable material.

Claim 26: (original) The microscope of Claim 22 wherein said first and second focus drive means are disposed on opposite sides of said microscope.

Claim 27: (original) In combination with an interchangeable stage drive assembly, a microscope comprising:

 a first focusing means comprising first coarse and first removable fine focus adjustment knobs;

a second focusing means comprising second coarse and second removable fine focus adjustment knobs; and,
at least first and second focus drive means;

wherein said first and second removable fine focus knobs is releasably and alternatively fastenable to each of said at least first and second focus drive means.

Claim 28: (original) The microscope of Claim 27 wherein said at least first and second focus drive means are disposed on opposite sides of said microscope and one of said first and second removable fine focus adjustment knobs has an axial length greater than that of the other.

Claim 29: (original) The microscope of Claim 28 wherein said each of said removable fine focus adjustment knobs are releasably and alternatively fastenable to each of said at least first and second focus drive means by magnetic attraction therebetween.

Claim 30: (original) The microscope of Claim 29 wherein each of said first and second fine focus adjustment means are releasably and alternatively fastenable to each of said at least first and second focus drive means by pin means and pin receiving means.

Claim 31: (original) The microscope of Claim 30, wherein said each of said first and second removable fine focus knobs are releasably fastenable to said at least first and second focus drive means by pin means and pin receiving means extending axially of each of said first and second focus drive means, and one of said pin means and said pin receiving means is formed of magnetic material and the other formed of magnetic attractable material.

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Claim 32: (original) The microscope of Claim 28 wherein one of said removable fine focus adjustment knobs has an axial length less than the other and is disposed on a same side of said microscope as a microscope stage drive mechanism, said removable fine focus adjustment knob having an axial length less than the other being operatively arranged for focusing an object plane.